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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/738,247	12/15/2000	Krishna Kishore Yellepeddy	AUS9-2000-0947 USI	2751

7590 07/01/2004
Law Office of Joseph R. Burwell
P.O. Box 28022
Austin,, TX 78755-8022

EXAMINER

COLIN, CARL G

ART UNIT PAPER NUMBER

2136

DATE MAILED: 07/01/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/738,247

Applicant(s)

YELLEPEDDY ET AL.

Examiner

Carl Colin

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 15 December 2000.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-50 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-50 is/are rejected.
- 7) ☒ Claim(s) 8 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 15 December 2000 is/are: a) ☐ accepted or b) ☒ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
* See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892) 4) ☐ Interview Summary (PTO-413) Paper No(s). _____
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948) 5) ☐ Notice of Informal Patent Application (PTO-152)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____ 6) ☐ Other:

DETAILED ACTION

1. Pursuant to USC 131, claims 1-50 are presented for examination.

Specification

2. The preliminary amendments to the specification are not consistent with the page numbers of the disclosure except for the first paragraph starting "page 12...".

- 2.1 The disclosure is objected to because of the following informalities: on page 8, line 25, reference number "10" should be --102--. On page 17, there is a lack of consistency with "system 300" line 22 and "network 300", line 23. Appropriate correction is required.

- 2.2 The disclosure is objected to because of the following informalities: the copending applications mentioned on page 1 have no serial numbers.

- 2.3 The abstract of the disclosure is objected to because of the sentence "A architecture ... is described". Correction is required. See MPEP § 608.01(b). Line 20 also recites "in a environment", which requires correction.

Applicant is reminded of the proper language and format for an abstract of the disclosure.

The abstract should be in narrative form and generally limited to a single paragraph on a separate sheet within the range of 50 to 150 words. It is important that the abstract not exceed 150 words in length since the space provided for the abstract on the computer tape used by the printer is limited. The form and legal phraseology often used in patent claims, such as "means"

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and "said," should be avoided. The abstract should describe the disclosure sufficiently to assist readers in deciding whether there is a need for consulting the full patent text for details.

The language should be clear and concise and should not repeat information given in the title. It should avoid using phrases which can be implied, such as, "The disclosure concerns," "The disclosure defined by this invention," "The disclosure describes," etc.

2.4 The disclosure is objected to because it contains embedded hyperlinks and/or other form of browser-executable codes (see p.13, line 18). Applicant is required to delete the embedded hyperlinks and/or other form of browser-executable codes. See MPEP § 608.01.

Drawings

3. Figure 3 is objected to as failing to comply with 37 CFR 1.84(p)(5) because it does not include reference numbers (300), (312) and (330) in the description on p. 17, line 18 and 27; page 17, line 25; and page 19, line 19 respectively. Appropriate correction is required.

Figure 3 is objected to as failing to comply with 37 CFR 1.84(p)(5) because it includes the reference sign: 322 not mentioned in the description. Appropriate correction is required.

3.1 Figure 4 is objected to as failing to comply with 37 CFR 1.84(p)(5) because it does not include reference numbers (400) in the description on p. 22, line 12. Appropriate correction is required.

Figure 4 is also objected to as failing to comply with 37 CFR 1.84(p)(5) because it includes the reference sign: 446 not mentioned in the description. Appropriate correction is required.

Applicant is required to carefully review the application to correct such errors.

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A proposed drawing correction, corrected drawings, or amendment to the specification to add the reference sign(s) in the description, are required in reply to the Office action to avoid abandonment of the application. The objection to the drawings will not be held in abeyance.

Claim Objections

4. **Claim 8** is missing from the application or Applicant misnumbered the claims.

Appropriate correction is required.

4.1 **Claim 13** is objected to because of the following informalities: "the" reception software should be --a-- reception software.

4.2 **Claim 33** is objected to because of the following informalities: "the computer program product of claim 10" should be corrected because there is no antecedent basis in claim 33 to make it dependent of claim 10.

4.3 **Claim 24** is objected to because of the following informalities: the phrase "having computer a usable program" should be corrected. Appropriate correction is required.

Claim Rejections - 35 USC § 102

5. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless --

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(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

The changes made to 35 U.S.C. 102(e) by the American Inventors Protection Act of 1999 (AIPA) and the Intellectual Property and High Technology Technical Amendments Act of 2002 do not apply when the reference is a U.S. patent resulting directly or indirectly from an international application filed before November 29, 2000. Therefore, the prior art date of the reference is determined under 35 U.S.C. 102(e) prior to the amendment by the AIPA (pre-AIPA 35 U.S.C. 102(e)).

5.1 **Claims 1-7 and 9-50** are rejected under 35 U.S.C. 102(e) as being anticipated by US Patent 6,598,167 to **Devine et al.**

5.2 **As per claims 1, 3, 15, and 26, Devine et al.** discloses an apparatus for implementing a request regarding a digital certificate in a distributed processing system, the apparatus comprising: a request implementation software that implements a response to the request regarding the digital certificate in response to a propagated event object, for example (see column 12, line 16 through column 13, line 25 see also column 15, line 25 through column 16, line 34); at least one reception bean, communicatively coupled to the request implementation software and the distributed processing system, that generates an event object in response to receiving the request to generate a digital certificate from the distributed processing system, for example (see column 12, line 16 through column 13, line 25 and column 7, line 20 through

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column 8, line 16 and figure 17 with description in columns 15-16); and the reception software instantiated in a real time executable object-oriented language, for example (see column 15, line 5 through column 16, line 34).

As per claims 13 and 24, Devine et al. discloses a method for implementing a request regarding a digital certificate in a distributed processing system, the method comprising: receiving the request to generate the digital certificate from the distributed processing system in an at least one reception bean, for example (see column 12, line 16 through column 13, line 25; see also column 15, lines 25 through column 16, line 15); generating a reception event object in response to step of receiving, for example (see column 12, line 16 through column 13, line 25; see also column 15, lines 25 through column 16, line 15); propagating the reception event object, for example (see column 15, line 25 through column 16, line 34); selectively implementing a response to the request regarding the digital certificate in response to a propagated event object in a request implementation software, for example (see column 15, line 25 through column 16, line 34 and see also column 17, lines 26-60); the reception software instantiated in a real time executable object-oriented language, for example (see column 15, line 5 through column 16, line 34).

As per claims 4, 16, 27, and 35, Devine et al. discloses an apparatus for implementing a public key infrastructure in a distributed processing system, the apparatus comprising: a plurality of beans, the beans communicatively coupled to one another and responsive to events generated by the plurality of beans, for example (see column 24, line 26 through column 25, line 67 and

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column 18, lines 3-36 et seq.); and at least one of the plurality of beans comprising a pipe bean that propagates an event to another of the plurality of beans, for example (see column 18, lines 3-36 et seq.).

As per claim 44, Devine et al. discloses an apparatus for implementing a public key infrastructure in a distributed processing system, the apparatus comprising: a plurality of beans, the beans communicatively coupled to one another and responsive to events generated by the plurality of beans, for example (see column 24, line 26 through column 25, line 67 and column 18, lines 3-36 et seq.); and the respective events generated by the plurality of beans subclassing from a base class event, for example (see column 24, line 26 through column 25, line 67 and column 18, lines 3-36 et seq.).

As per claims 2, 14, and 25, Devine et al. discloses the limitation of the at least one reception bean comprising a plurality reception beans, and each of the plurality of reception beans generating an event in response to requests of differing formats, for example (see column 24, line 26 through column 25, line 67).

As per claims 5, 17, and 28, Devine et al. discloses the limitation of the at least one bean comprising a bean implementing a test on the request, for example (see column 25, lines 15-50).

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As per claims 6, 18, 29, 37-39, and 49, Devine et al. discloses the limitation of, the at least one bean comprising a bean that alters the request, for example (see column 10, lines 67 and column 18, line 12-37 and column 15, line 25 through column 16, line 34 and see also column 17, lines 26-60).

As per claims 7, 19, 30, 42, and 47, Devine et al. discloses the limitation of the at least one bean comprising a bean that publishes information regarding the request, for example (see column 17, lines 25-60).

As per claims 9, 20, 31, and 36, Devine et al. discloses the limitation of the at least one bean comprising a sink bean, the sink bean responsive to propagated events and consuming such propagated events, for example (see column 5, line 57 through column 6, line 12).

As per claims 10, 21, and 32, Devine et al. discloses the limitation of the at least one bean comprising a client bean that propagates a request in a first format, for example (see column 5, lines 55-67).

As per claims 11, 22, and 33, Devine et al. discloses the limitation of the at least one bean comprising another client bean that propagates a request in a second format another client bean that propagates a request in a second format, for example (see column 10, lines 5-23 and column 13, line 25 through column 14, line 40).

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As per claims 12, 23, and 34, Devine et al. discloses the limitation of the certificate generation software comprising a legacy software, for example (see column 5, line 57 through column 6, line 12).

As per claims 40 and 50, Devine et al. discloses the limitation of further comprising a client bean, the client bean responsive to events from the other beans and generating requests to the distributed processing system, for example (see column 5, line 57 through column 6, line 32).

As per claims 41 and 48, Devine et al. discloses the limitation of further comprising a generation bean, the generation bean generating a digital certificate in response to an event, for example (see column 12, lines 28-65).

As per claim 43, Devine et al. discloses the limitation of further comprising a filter bean, the filter bean filtering events based upon a predetermined criteria, for example (see column 25, lines 10-67).

As per claims 45-46, Devine et al. discloses the limitation of wherein the beans and events are written in a cross platform language, the cross platform language is JAVA, for example (see column 2, line 65 through column 3, line 8).

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Conclusion

6. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure as the art discloses an object oriented processing system for implementing a request regarding a digital certificate.

US Patents:	5,862,325	Reed et al.
	6,334,189	Granger et al.

6.1 Any inquiry concerning this communication or earlier communications from the examiner should be directed to Carl Colin whose telephone number is 703-305-0355. The examiner can normally be reached on Monday through Thursday, 8:00-6:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ayaz Sheikh can be reached on 703-305-9648. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.


Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-305-3900.

cc

Carl Colin

Patent Examiner

June 24, 2004


AYAZ SHEIKH
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100